



**Missouri's  
Local  
Program**  
*for community  
development*

## COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

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Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

# RE: MISSOURI'S LOCAL PROGRAM (LPA) ON-CALL PREQUALIFICATION - ROADWAY DESIGN



## Dear Ms. Buechter and Members of the Selection Committee,

The Missouri Department of Transportation (MoDOT) continues to partner with Local Public Agencies (LPAs) and consultants to maximize mobility, safety, and efficiency for the people of Missouri through system preservation and strategic investments for safety and efficient capital improvements.

MoDOT, LPAs, and their industry partners have undergone enormous change over the past three years, from workforce changes, to travel pattern fluctuations with safety impacts, to delivery of large-scale improvements around the state. MoDOT has continued to deliver in partnership with LPAs and the transportation industry to maximize delivery of enhancements, maintenance, and improved operations for the people of Missouri. Despite adverse and changing conditions, MoDOT has a strong record of completing projects on time while delivering record-level contractor awards and making progress towards decreasing the annual fatality rate on Missouri roads. LPAs have also delivered well despite record funding levels and inflation pressures.

As MoDOT and LPAs look at future challenges and opportunities, the Roadway Design On-Call Contract supports continuation of this mission. WSP is excited to serve LPAs through on-call professional services, as we share MoDOT's mission to provide a world-class transportation experience and promote a prosperous Missouri.

## General Experience of the Firm

With a local history spanning more than 75 years, WSP has established itself as a trusted partner for roadway design services throughout Missouri. Our Missouri team includes more than 700 professionals, with more than 300 dedicated to transportation and infrastructure projects. This depth of resources enables us to deliver roadway design projects of all sizes, from municipal streets to regional corridors, with precision and efficiency.

Our expertise covers the full range of roadway design services outlined in the LPA program, including pavement reconstruction, widening, resurfacing, utility design and coordination, right-of-way acquisition support, and environmental clearance. We also specialize in designing sidewalks, shared-use trails, and parking facilities as part of comprehensive roadway projects. Our team is proficient in traffic signal and lighting design, stormwater management, and ADA compliance, ensuring that every project meets safety, accessibility, and sustainability standards.

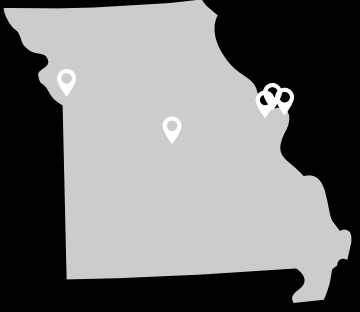
WSP leverages advanced design tools such as MicroStation, OpenRoads Designer, and Civil 3D to produce accurate, constructible plans that comply with MoDOT and federal requirements. Our structured approach and ability to draw on regional and national resources allow us to scale quickly for on-call assignments, ensuring timely and cost-effective delivery for local agencies.

## Past Performance

WSP's strong reputation for quality and responsiveness is demonstrated through decades of successful partnerships with Missouri local agencies. We have delivered roadway design services under numerous on-call and standalone contracts for cities, counties, and regional organizations, including Jefferson County, St. Louis County, City of Kansas City, Bi-State Development, MARC, EWCOG, and Great Rivers Greenway. These projects have included pavement rehabilitation, utility coordination, ADA-compliant pedestrian facilities, and multimodal improvements.

Our experience with LPA projects has given us a deep understanding of federal aid requirements and the unique challenges faced by local agencies. We have successfully navigated environmental clearances, right-of-way processes, and utility relocations while maintaining project schedules and budgets. For example, WSP recently completed a roadway improvement project for a local municipality that involved complex utility coordination and stormwater design, delivered ahead of schedule and within budget.

The following sections detail the projects and people representing our diverse experience. Please see our team's relevant project experience on the following page.

<b>WSP MISSOURI OFFICES:</b> Kansas City   Jefferson City   Ballwin   Creve Coeur   St. Louis	<b>700 MISSOURI TEAM MEMBERS</b>	
	<b>250</b> Civil	<b>7</b> Transportation Planners
	<b>40</b> Structural	<b>28</b> Accounting, Administrative, & Marketing
	<b>15</b> Traffic	<b>20</b> Cultural Resources
	<b>10</b> Mechanical	<b>20</b> Architects
	<b>140</b> Electrical	<b>25</b> Program Management & Project Controls
	<b>35</b> Geotechnical	
	<b>60</b> Environmental	
	<b>25</b> Natural Resources	
	<b>35</b> Technicians	



Client, Project, Location	Brief Scope	Project Relevance	Key Staff
<b>MoDOT, I-55 Corridor Improvements, Jefferson County, MO</b>	WSP was selected to develop a thorough understanding of existing conditions and provide MoDOT with innovative and flexible solutions that allow priorities to be funded efficiently. Providing project management and design-build expertise that brings cost-effective solutions and perspective to the team, WSP leverages local expertise to deliver efficient engagement and high-quality work. Tasks include evaluation of existing bridge conditions with recommendations for repair or replacement and preliminary design of bridges over railroads.	Concept development, and preliminary geometric design.	Will Krussel, Mike Dolde, Jennifer Pangborn
<b>MoDOT, Forward 44, Central District, Jefferson City, MO</b>	As a continuation of MoDOT's Forward 44 program to advance improvements to I-44 across the state of Missouri from Joplin to St. Louis, MoDOT selected WSP to serve in an owner's representative role for the Central District. The Central District portion of I-44 includes more than 100 miles of interstate. WSP is providing program management, preliminary design, NEPA assistance, geotechnical support, survey, and public involvement support.	Data collection, Synchro & VISSIM modeling and capacity analysis, ISATE & HSM safety modeling, and safety analysis.	Will Krussel, Scott Cogan, Mike Dolde, Andrew Frey, Osman Mohammed, Matt Masterson
<b>MoDOT, On-Call Services, Statewide, MO</b>	Providing traffic and safety analysis, roadway design, bridge design, signal optimization, sign inspection, value engineering, environmental, geotechnical, and ADA design services on more than 25 assignments over the last ten years in St. Louis, Northeast, and Kansas City Districts.	Roadway design on-call tasks.	Will Krussel, Nedal Nijmeh, Keith Kennon
<b>MoDOT, Route 61/67 Pavement Rehabilitations, Jefferson County, MO</b>	WSP is designing pavement rehabilitation, ADA upgrades, guardrail upgrades, signal replacements, and box culvert replacements for MoDOT along 11 miles of US Route 61/67 in Jefferson County. WSP is responsible for conceptual design, preliminary design, right-of-way plans, and final plans, specs, and estimates. Design services include: Roadway and traffic safety, ped facilities, pavement preservation, utility coordination and relocation, storm water drainage, National Pollutant Discharge Elimination System (NPDES) permit compliance, erosion control, traffic control, signing, and striping.	Hydraulic assessment, culvert design.	Will Krussel, Nedal Nijmeh, Keith Kennon
<b>MoDOT, Route 61/67 Pavement Widening, Jefferson County, MO</b>	WSP is designing a two-way left-turn lane along Route 61/67 between Brandon Wallace Way and North 6th Street. Design challenges with this project include commercial parcels with continuous access, pavement rehabilitation, drainage deficiencies, and right-of-way acquisition. Design services include: roadway and traffic safety, pavement preservation, storm water drainage, NPDES permit compliance, traffic control, signing, & striping.	Roadway design (preliminary and final), ADA design, hydraulic analysis.	Will Krussel, Nedal Nijmeh, Keith Kennon
<b>Jefferson County Port Authority, On-call Professional Engineering Services, Herculaneum, MO</b>	WSP was selected to provide on-call professional engineering services for Port facilities and related infrastructure at a site located in Herculaneum, MO. Services anticipated but not limited to were: Planning and conceptual designs, preliminary design, final plans, specifications, and estimates, assistance during construction procurement, construction oversight and overall project management. Tasks to date have included conceptual studies, preliminary and final roadway design, bidding assistance and construction management.	Preliminary and final roadway and utility design, and bid documents.	Will Krussel, Steven Berecz, Nedal Nijmeh, Keith Kennon

### Qualifications of Personnel Assigned

The WSP team has been tailored to best meet the needs of projects statewide and represents our staff in Kansas City, Jefferson City and St. Louis. We are committed to bringing local, efficient, and fiscally responsible solutions publicly funded projects. With staff at all levels of experience located in Missouri, we can tailor our project team to support projects of any size. The following key staff represent just some of the breadth and depth that we offer to support the Roadway Design On-Call Contract.



#### Steve Berecz, PE

**Experience:** 30 Years | **Location:** St. Louis, MO

Steven is a senior civil engineer with experience in site civil engineering designs, parking lot drainage and grading plans, quality control, construction cost estimating, construction services and multi-faceted design projects. As the director of a Chicago-based engineering firm, he oversaw team expansion from 18 to 90 employees more than 25 years while also serving as a municipal engineer for multiple Chicagoland villages and lead designer for more than 200 public and private improvement projects.



**Scott Cogan, PE, CQM**

**Experience:** 25 Years | **Location:** Kansas City, MO

Scott will serve as project manager and design task lead. Scott has significant experience in transportation engineering including highways, municipal streets, design-build and project and quality management of projects ranging from \$1-to-\$300 million in construction value.



**Rich Wischmann, PE**

**Experience:** 26 Years | **Location:** St. Louis, MO

Rich is a lead engineer with WSP. His areas of expertise include the design, construction, and operation of complex stormwater management systems and wastewater collection systems. Rich brings practical experience in design and construction of sewer systems for both public and private sector projects. Rich has supported a wide variety of roadway projects for both temporary and permanent drainage design for enclosed and open drainage systems. Rich and his hydraulics team also support hydraulic analysis for open channel hydraulics for systems large and small.



**Will Krussel, PE, PMP**

**Experience:** 34 Years | **Location:** St. Louis, MO

Will is a senior supervising civil engineer with expertise in project management, quality control, highway design, stormwater drainage design, maintenance of traffic, utility coordination, water, sewer, and site design. Will leads multidisciplinary teams to deliver task orders on schedule and within budget by focusing on transparency, flexibility, and collaboration. He takes pride in listening to client issues and collaborating to reach a solution that is aligned with the goals of the task order.



**Nedal Nijmeh**

**Experience:** 9 Years | **Location:** St. Louis, MO

Nedal is a lead consultant in civil engineering with strong expertise in site development, roadway and highway geometric design, ADA design, and cost estimating. He leads multidisciplinary design teams and coordinates closely with owners, stakeholders, A/E teams, and contractors to ensure smooth project execution. Nedal is highly skilled in CAD software, producing plans that meet both client expectations and regulatory standards. His technical knowledge and organizational efficiency consistently contribute to successful project delivery.

**Familiarity/Capability**

WSP is highly familiar with the LPA program requirements and MoDOT’s oversight processes for federally funded local projects. Our team routinely delivers projects

that comply with federal, state, and local standards, including ADA accessibility, environmental regulations, and utility coordination requirements. We understand the documentation and reporting necessary for federal aid compliance and have successfully guided local agencies through these processes.

Our Missouri-based staff includes licensed professional engineers, roadway design specialists, and technical experts in traffic signals, lighting, hydraulics, and stormwater management. We maintain strong working relationships with MoDOT districts, FHWA, utility providers, and local agencies, enabling us to resolve issues quickly and keep projects on track. These relationships, combined with our knowledge of local conditions, allow us to anticipate challenges and deliver practical solutions.

With multiple offices across Missouri and access to regional and national resources, WSP has the capacity to respond promptly to on-call assignments. Our flexible staffing model and robust QA/QC procedures ensure accuracy, quality, and timely delivery. Whether the task involves roadway design, utility coordination, or multimodal integration, WSP stands ready to provide local agencies with reliable, innovative, and cost-effective solutions.

**Accessibility of Firm And Staff**

With multiple offices and key staff in St. Louis, Jefferson City, and Kansas City, WSP is poised to deliver efficiently and in a responsive manner for any assignment that MoDOT considers us for. Our history working for public agencies can be validated Tim Nittler (Bi-State Development Agency, [tnittler@MetroStLouis.org](mailto:tnittler@MetroStLouis.org)), Marcie Meystrik (EWGCOG, [marcie.meystrik@ewgateway.org](mailto:marcie.meystrik@ewgateway.org)), Doug Wesselschmidt (City of Grandview, [DWesselschmidt@grandview.org](mailto:DWesselschmidt@grandview.org)), Jarek Czernikiewicz (City of St. Louis, [czernikiewiczj@stlouis-mo.gov](mailto:czernikiewiczj@stlouis-mo.gov)). With a diverse and growing team across Missouri, WSP is poised better than ever to serve the state of Missouri through the LPA program.

**WHY IS WSP A YES?**

WSP has a commitment to quality, technical excellence, the respect of our peers, and, most importantly, our client focus. We understand the complexities and requirements of delivering federally funded projects for local agencies and the need to meet the obligations this funding demands. We place the same importance on serving local agencies throughout Missouri that we do for our state and federal agency projects. If you have any questions regarding our submittal or would like to discuss it in greater detail, please contact me directly at 314-206-4262 or [dan.dearmond@wsp.com](mailto:dan.dearmond@wsp.com).

  
**Dan DeArmond, PE | Transportation Business Line Leader, Missouri**





**Question Today**  
*Imagine Tomorrow*  
**Create for the Future**

## ABOUT WSP

WSP USA Inc. (WSP), one of the world's leading engineering and professional services consulting firms, provides services designed to transform the built environment and restore the natural one. Our expertise ranges from environmental remediation and urban planning, to engineering iconic buildings and designing sustainable transport networks, to developing the energy sources of the future and enabling new ways of extracting essential resources.

An industry leader for more than a century, WSP is currently at work on hundreds of transportation projects nationwide, including transit and rail, highways, airports, and seaports. Our history of transportation engineering began with the design and construction of the original New York City subway (1891-1904). Since that time, the WSP team has contributed to countless highways, bridges, tunnels, ports, and airports, among them some of the most well-known transportation infrastructure projects in the U.S.

Approximately 73,000 employees, including engineers, technicians, scientists, architects, planners, surveyors, program, and construction management professionals, as well as various environmental experts, work for this dynamic organization in more than 500 offices across 50 countries worldwide.

## WHAT WE DO

### SECTORS

- TRANSPORTATION & INFRASTRUCTURE
- PROPERTY & BUILDINGS
- WATER & ENVIRONMENT
- ENERGY
- ADVISORY SERVICES

### SERVICES

- STRATEGIC CONSULTING
- PLANNING
- PROGRAM MANAGEMENT
- ENGINEERING
- CONSTRUCTION MANAGEMENT
- OPERATIONS & MAINTENANCE



# WSP'S PRESENCE IN MISSOURI

WSP has a strong presence in **Missouri** and has supported state and local public agencies in designing and implementing a wide range of projects. Recent growth and acquisitions have resulted in bringing our total number of Missouri employees to over 700, including architects, planners, engineers, and environmental professionals. By collaborating with our colleagues around the globe, we are able to combine global reach with strong local knowledge.

Our **St. Louis** area offices serve a wide variety of infrastructure, environmental, and building markets for both public and private sector clients ranging from MSD St. Louis Sewer District to Bi-State Development (Metro), East-West Gateway Council of Governments (EWGCOG), Great Rivers Greenway, St. Louis and Jefferson Counties, and Ameren.

Our **Kansas City** office, established in 2001, relocated to downtown Kansas City from Lenexa, and expanded to provide an array of services including transportation planning and design, environmental, and cultural resources support for a variety of local agencies in Missouri including Mid-America Regional Council (MARC), North Kansas City, and the City of Kansas City.



## WSP MISSOURI OFFICES:

Kansas City | Jefferson City | Ballwin | Creve Coeur | St. Louis



## 700 MISSOURI TEAM MEMBERS

<b>250</b> Civil	<b>35</b> Technicians
<b>40</b> Structural	<b>7</b> Transportation Planners
<b>15</b> Traffic	<b>28</b> Accounting, Administrative, & Marketing
<b>10</b> Mechanical	<b>20</b> Cultural Resources
<b>140</b> Electrical	<b>20</b> Architects
<b>35</b> Geotechnical	<b>25</b> Program Management & Project Controls
<b>60</b> Environmental	
<b>25</b> Natural Resources	

At WSP, we have extensive experience in all forms of transportation, including airports, streets and highways, bridges, rail systems, buses (including Bus Rapid Transit), and ports. We work under many different forms of project delivery, and are involved in design-bid-build and public-private partnerships (P3) projects, as well as design-build (DB) projects. We also provide broad oversight and direction of complex capital projects, and we have worked on integrated teams with our clients to deliver some of the region's largest and most well-known transportation infrastructure projects.

Specialty services include a full range of planning and environmental review, value engineering, financing and procurement strategies, signal operations, technology innovation support, and public involvement activities including social media and mobile applications to assist clients in informing and engaging with project stakeholders and the public. We can deploy the latest technological advances, such as virtual design and construction (VDC) or building information modeling (BIM) which enable teams to identify and solve potential problems early, in a virtual environment, before construction begins.

## MISSOURI EXPERIENCE

- Environmental Planning
- Master Planning
- Corridor Planning
- Corridor Studies
- Signal Optimization
- Public Involvement
- Financial Planning
- Design & Engineering
- Architecture & Facility Design
- Condition Assessment
- Structural Engineering
- Mechanical Engineering
- Value Engineering
- Electrical Engineering
- LEED Design
- Civil Engineering
- Traffic & Transportation Engineering
- Intelligent Transportation Systems
- Water Resources Engineering
- Construction Administration
- Construction Management
- Program Management
- Public Private Partnerships



## MISSOURI PROJECTS

**City of Kansas City, Reconnecting the West Side PEL Study:** This is a community-oriented planning study focused on the barriers created by legacy infrastructure investments in the mid-20th century and onward. In partnership with MoDOT, FHWA, KDOT, and MARC, the City of Kansas City is leading an effort to explore future alternatives for I-35. The PEL study developed a statement of purpose and need focused on improve transportation safety, creating new multimodal connections across existing barriers, and maintaining a state of good repair in the neighborhood, among several other community-focused goals. The project will develop and screen a range of short- and long-term alternatives that meet these needs and goals and identify reasonable alternatives.

**Hodiamont Greenway:** working for Great Rivers Greenway in partnership with the City of St. Louis and Bi-State Development, WSP is providing conceptual and final design for the phased conversion of St. Louis' oldest streetcar line to a modern urban greenway. Services included Phase 1 environmental investigations, concept development, traffic and safety engineering, preliminary and final design. The three and a half mile route includes dozens of at-grade street crossings as the corridor has essentially served as an alley within the city street grid.

**EWGCOG/MoDOT, Arterial Assessment Study - Blueprint for Arterials:** The EWG-MoDOT Arterial Assessment 2024 represents a paradigm shift for the St. Louis Region. The resulting Blueprint for Arterials is intended to be a planning and design development tool for each of the major agencies in the St. Louis region. The Blueprint provides for a consistent process with flexibility in design and a focus on creating improvements that accommodate all users. The document aligns regional policies and procedures with design tools and traffic calming features for 24 roadway typologies found in the region.

**Jefferson County Port Authority:** working under an on-call contract, WSP has provided master planning and environmental support, grant writing and roadway design for the on-going conversion of a former lead smelter site into the new Jefferson County Port. Design services include bid documents for the new access road for the future development, bid and construction phase support.

**Grand Boulevard, City of St. Louis:** as part of the City's Principal Arterials Safety Enhancement Program, WSP provided concept development, planning, stakeholder engagement, and final design documents for a 7.5 mile section of Grand from north of I-70 to Holly Hills Avenue in South St. Louis City as well as two additional high-crash locations in the City. Scope included an extensive re-imagining of the corridor including ADA improvements, bus stop treatments, curb bump outs, lane reductions, and implementation and improvement of dedicated bike lane.

## LOCALLY DEDICATED WITH INTERNATIONAL SCALE

WSP offers a global scale of services and intelligence combined with local knowledge of the communities in which we work. We provide the specialized expertise and responsiveness of a local firm, with the breadth and depth to successfully deliver large and complex projects. Our team includes talented, skilled, and experienced professionals who are:

- PASSIONATE about problem solving
- LEADERS in their technical fields
- COMMITTED to unrivaled service
- DEDICATED to improving their communities

**MoDOT On-Call Services:** providing traffic and safety analysis, roadway design, bridge design, signal optimization, sign inspection, value engineering, environmental, geotechnical, and ADA design services on over 25 assignments over the last ten years in St. Louis, Northeast, and Kansas City Districts.

**I-55 Jefferson County Design-Build Owner Support:** serving as MoDOT's planning, traffic, and engineering support for this \$246M design-build project. Tasks included concept development, preliminary engineering, traffic analysis, risk, environmental support, and cost estimating. Services span pre-RFQ, procurement phase, and starting in 2024, design and construction phase services.

**MoDOT Signal Optimization:** WSP has performed dozens of signal optimization projects over the last 15 years including traffic signal timing, phasing, and coordination on various corridors in MoDOT's St. Louis District. Recent corridors include MO 115, 21, EE, U, and I-70 interchanges. The work included collection of traffic count data, synchro analysis of existing conditions, development of proposed timing and phasing improvements, implementation of timing changes, field review, and final field timing optimization.

## WORKFORCE DIVERSITY

At WSP, our collective diversity of thought, experience, and background comprises the strength of our firm. Our inclusive culture is one that accepts, values, and recognizes the strength of the difference each individual brings to our team.

It is our policy to ensure the organization attracts, develops, respects, motivates, and retains highly skilled people without regard to race, religion, color, national origin, sex, age, sexual orientation/gender identity, disability, status as a veteran, or any other class protected by applicable federal, state, or local laws at all levels of employment. We provide reasonable accommodations for disability, limited language proficiency and religious practices to fulfill our policy.

We seek talented people from backgrounds and cultures as rich and varied as the work we do. Our offices have a diversity policy that embraces a diverse workforce and actively seeks opportunities to employ women and minorities and provide them with leadership opportunities. We also have a history of promoting a science, technology, engineering, and math (STEM) career path to local high school and college age women and minorities. Examples of this commitment include fundraising towards the Women's Transportation Seminar (WTS) scholarship fund and participating in "Introduce a Student to Engineering Day" during engineer's week.



## GUIDING PRINCIPLES

**We value our people and our reputation.** We make extraordinary efforts to attract, develop, engage and retain the best professionals in our fields of expertise because this is what makes us great. We put the highest ethical standards at the center of all we do. We are humble and act with moral and intellectual integrity, keep our word, treat everyone with respect, support our colleagues, and embrace diversity.

**We are locally dedicated with international scale.** Our strength is our ability to adapt to our client culture and local markets. We provide our clients with the same personalized services as a specialist firm while at the same time leveraging our worldwide expertise to undertake the most complex projects and assist our clients to realize their ambitions.

**We are future-focused and challenge the status quo.** We anticipate trends in order to propose innovative ideas for our clients to meet their business objectives. We ask questions, look at complex problems from different angles and find solutions that break paradigms. We are problem-solvers who evolve, improve, modernize and excel. We know our solutions will shape the communities of tomorrow and help societies thrive sustainably.

**We foster collaboration and partnership in everything we do.** Our international agility is founded on our collaborative working environment. Our devotion to teamwork creates unique international networks of outstanding professionals who understand that great achievements come from collaboration.

**We have an empowering culture and hold ourselves accountable.** We are empowered to turn challenges into opportunities while being held accountable to standards beyond the norm. Our proactive leadership empowers us to be client-focused, agile and responsive, while at the same time being accountable to our clients, our peers and our shareholders.

## PROJECT SUCCESS

Our success on each project begins with a detailed understanding of the project's scope, budget, and schedule. This specific understanding—which includes information on the community impacts during and after construction—allows us to provide the right match of resources and experience to deliver the project on time and within budget. We understand the right team is not dictated by numbers of available staff, but the right expertise to execute a solid approach, which will exceed our client's goals.

### OUR PURPOSE

We exist to shape communities to advance humanity.

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